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25181 7590 05/27/2004

FOLEY HOAG, LLP
 PATENT GROUP, WORLD TRADE CENTER WEST
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 BOSTON, MA 02110

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

Shirine Darvish	(Depositor's name)
<i>Shirine Darvish</i>	(Signature)
August 23, 2004	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/832,659	04/11/2001	Adrian Whitty	00689-513 (A064 US)	2160

TITLE OF INVENTION: INTERFERON-BETA-LA-IMMUNOGLOBULIN FUSION PROTEINS AND USES

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	08/27/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
SEHARASEYON, JEGATHEESAN	1647	424-185100

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
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2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Foley Hoag LLP

2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Biogen, Inc.

Cambridge, MA

Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
- ☒ Publication Fee
- ☒ Advance Order - # of Copies 10

4b. Payment of Fee(s):

- ☒ A check in the amount of the fee(s) is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized by 06-1448 to credit any overpayment, to Deposit Account Number 06-1448 (enclose an extra copy of this form).

Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

Jennifer A. Zarutskie Reg. No. 50,558

(Authorized Signature)

(Date) 8/23/04

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This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

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08/26/2004 DEMMANU2 00000129 09832659

01 FC:1501
 02 FC:1504
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TRANSMIT THIS FORM WITH FEE(S)



PATENTS
Attorney Docket No. BII-007.01
20657-701

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Whitty et al.)
Application No: 09/832,659) Art Unit: 1647
Filed: April 11, 2001) Confirmation No.: 2160
For: INTERFERON-BETA FUSION) Examiner: Seharaseyon, J.
PROTEINS AND USES)

CERTIFICATE OF MAILING

I hereby certify that the following paper is being deposited with the United States Postal Service as first-class mail in an envelope addressed to the Commissioner for *Mail/Step: Issue Fee* Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on August 23, 2004.

Shirine Darvish
Shirine Darvish

Mail/Step: Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

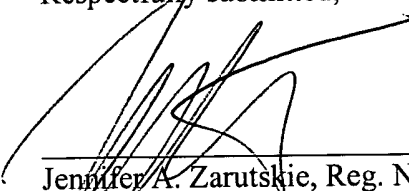
ISSUE-FEE TRANSMITTAL

In response to the May 27, 2004 Notice of Allowance of the above-identified patent application, we enclose Form PTOL-85 together with a check for \$1,660 to cover the issue fee of \$1,330; the publication fee of \$300 and a fee of \$30 for ten soft copies.

Although we believe that we have appropriately provided for any fees due in connection with this submission, the Commissioner is hereby authorized to charge any deficiencies or credit any overpayment to our **Deposit Account No. 06-1448, Reference BII-701.**

Respectfully submitted,

Date: August 23, 2004
Customer No: 25181
Patent Group
Foley Hoag, LLP
155 Seaport Blvd.
Boston, MA 02210-2600



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